

INTERNATIONAL SEARCH REPORT

International Application No
PC 03/03608

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C25D21/18 C25D9/08 H01L21/368

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C25D C02F H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KURANOUCI S ET AL: "Study of one-step electrodeposition condition for preparation of CuIn(Se,S) ₂ thin films" SOLAR ENERGY MATERIALS AND SOLAR CELLS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 50, no. 1-4, 1998, pages 31-36, XP004102488 ISSN: 0927-0248	1
A	page 5, paragraph 1 page 6, paragraph 3	9
Y	US 4 253 919 A (HALL DALE E ET AL) 3 March 1981 (1981-03-03)	1
A	column 3, paragraph 2	6
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

28 April 2004

Date of mailing of the international search report

07/05/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 687 559 A (COBURN ARTHUR E ET AL) 18 August 1987 (1987-08-18) examples	2-5
A	US 5 510 040 A (MILLER THOMAS M ET AL) 23 April 1996 (1996-04-23) column 1, paragraph 3 column 5, paragraph 2	2-5
A	US 5 071 568 A (BENNETT CHARLES R ET AL) 10 December 1991 (1991-12-10) column 2, line 55-65 column 3, line 45-63 example 2	2-5
A	GUILLEN C ET AL: "CATHODIC ELECTRODEPOSITION OF CUINSE2 THIN FILMS" THIN SOLID FILMS, ELSEVIER-SEQUOIA S.A. LAUSANNE, CH, vol. 195, no. 1 / 2, 1991, pages 137-146, XP000177084 ISSN: 0040-6090 page 2, paragraph 2 page 5, paragraph 2	9
A	YAMAMOTO A ET AL: "Composition control of electrodeposited Cu-In-Se layers for thin film CuInSe2 preparation" SOLAR ENERGY MATERIALS AND SOLAR CELLS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 50, no. 1-4, 1998, pages 25-30, XP004102487 ISSN: 0927-0248	

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
US 4253919	A	03-03-1981	EP	0032463 A1	22-07-1981
			JP	56112076 A	04-09-1981
US 4687559	A	18-08-1987	CA	1235577 A1	26-04-1988
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			WO	9207798 A1	14-05-1992

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